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PTO/SB/08A (10-96)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet

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of

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**Complete if Known**

Application Number	Unassigned
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Unassigned

Filing Date	9/21/01
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9/21/01

First Named Inventor	Etter, Walter
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Etter, Walter

Group Art Unit	Unassigned
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Unassigned

Examiner Name	Unassigned
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Unassigned

Attorney Docket Number	Etter 4
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Etter 4

U.S. 97C

09/956954

09/21/01

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Wanda Ford

Date	Considered
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11/2/80	11/2/80
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7-9-04

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Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

of

2

### Complete if Known

Application Number	Unassigned
Filing Date	9/21/01
First Named Inventor	Etter, Walter
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	Etter 4

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		<del>I.B. Thomas, R.J. Niederjohn, "Enhancement of speech in- telligibility at high noise levels by filtering and clip- ping," J. of the Acoust. Soc. of Am., Vol. 16, 1968, pp. 412-415</del>	
		<del>R.J. Niederjohn, J.H. Grotelueschen, "The Enhancement of Speech Intelligibility in High Noise Levels by High-Pass Filtering Followed by Rapid Amplitude Compression," IEEE Trans. on Acoustics, Speech and Signal Proc., Vol. ASSP- 24, No. 4, Aug. 1976, pp. 277-282.</del>	
		<del>E.A. Kretsinger, N.B. Young, "The use of fast limiting to improve the intelligibility of speech in noise," Speech monoger., vol. 27, 1960, pp. 63-69</del>	
		<del>E.F. Stikvoort, "Digital dynamic-range compressor for audio," J. Audio Eng. Soc., Vol. 34, No. 1/2 Jan/Feb. 1986, pp. 3-9</del>	
		<del>R.E. Crochiere, L.R. Rabiner, "Multirate digital signal processing," Prentice-Hall, 1983</del>	

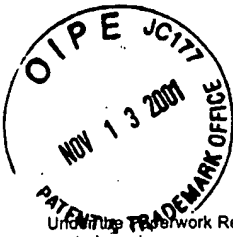
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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	09/956,954
		Filing Date	9/21/01
		First Named Inventor	Etter, et al
		Art Unit	
		Examiner Name	
Sheet 1 of 2	Attorney Docket Number	Etter 4/AGER027	

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
g		US 5,526,419	6/11/96	Allen et.al.	
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FOREIGN PATENT DOCUMENTS							
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	-Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
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Examiner Signature	<i>Wanda J. Smith</i>	Date Considered	7-9-04
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